## INDEX TO VOLUME 104 OF THE AMERICAN JOURNAL OF PHARMACY

### **AUTHORS**

PAGE	PAGE
Arny, H. V.—	Dickart, W. H.—
Twenty Years of "Co-Fe-Cu"	Quince Seed Oil 335
Fluids 272	Smoke—Flash—Fire Points of Certain Fixed Oils 284
Bliss, A. Richard, Jr	,
Retention of Alkaloids by Oak	Dunn, Marin S
Sawdust, U. S. P 590	Insect Friends and Foes 667
Bohn, Herbert-	Edmonton, W. E.—
The Photomicrography of Bacteria	Pyrethrum Insecticides 793
	England, Joseph W.—
Brown, H. Treves-	Franklin the Discoverer of
Proposed New Formulæ for the British Pharmaceutical Codex 737	Priestley, and Priestley the Discoverer of Oxygen 594
	Historical Note on Glycerin 489
Clarke, W. J.—	Philadelphia Institute for Med-
Acriflavine Emulsion 707	ical Research—Editorial 233
Cook, E. Fullerton-	Ewe, George E.—
Pharmacy as a Health Agency 150	Pitfalls Encountered by the Novice in Vitamin-A Assay
Crane, E. J.—	Work 608
Standardization of Chemical	Fulton, Charles C.—
Nomenclature 337	Precipitating Agents for Alka-
Deeney, James J.—	loids 244
Differentiating Light From	Gershenfeld, Louis-
Heavy Oxide 22	Cows' Milk and Human Milk 176
Qualitative Tests for the Detec-	Quantitative Clinical Chem-
tion of Rosin, Rosin Oil and	istry 745
Heavy Metals in Linseed Oil 282	Useful Milk Products and Milk
Solubility of Beeswax 19	Preparations 540

Kı

K

PAGE	PAGE
Griffith, Ivor-	Hofman, J. J.—
Aqua Philadelphica 508	History of Pharmacy Through
An Acid Reaction-Editorial 647	the Ages 747
Antonj Van Leeuwenhoek— 1632—Editorial 165	Horn, David Wilbur-
Cost of Medical Care 295	Is Germ Chlorination Fatal? 651
Fine Art of Poisoning—Editorial 503	Manufactured Ice Cream 721 "When Found, Make a Note
Intestinal Implantation of the Bacillus Acidophilus Through	Of"—Editorial 587
the Feeding of Buttermilk Containing Acidophilus 296	Howard, Charles D.—
1931—And Research Still Pays Dividends—Editorial 1	Arecolin, Behavior and Identifi- cation of, and Its Use as a Tænicide—Comparisons With
On the Reviewing of Books— Editorial 699	Pelletierin 170
State Control of Medicine-	Irons, Ernest E.—
Editorial	Selection of Proprietary versus  Nonproprietary Drugs in  Hospital Prescribing 708
Hall, Edith M.—	,
Chick Heart Method of Biolog-	Kilmer, Fred B.—
ical Assay—I—Digitalis 310	Cap and Gown Pharmacy— Editorial 168
Harrisson, J. W. E.—	Commencement—Editorial 235
Report of Committee on Drug	•
Market 664	The Good Old Depresssion— Editorial 589
Harvey, Ellery H.—	The Herbal Up-to-Date-Book
The Refractometric Measure- ment of Ethylene Glycol Type	Review 161
Antifreeze Mixtures 734	The Mandragora—Editorial 79
Heaton, Noel-	The Price of a Prescription— Editorial
Permanence of Artists' Materials 394	Sell Pharmacy—Editorial 649
	Small Town Druggist-Edito-
Hoch, Hampton J.—	rial 356
Thumb Nail Sketches-I 221	Too Many Graduates-Editorial 756

PAGE	PAGE
Kremers, Edward—	O'Connell, C. Leonard-
The Apothecary, A Literary Study	Our Educational Heritage 236
The Sceptical Chymist 776	Osol, Arthur— Colloids, A Story About Particles
Krusen, Wilmer-	
Triumphs of Medicine 362	Packard, Francis Randolph— Philadelphia—The First Med-
LaWall, Charles H.— Boners, Editorial 430	ical Center in the British Colonies
Caffeine in Cereal Beverages 537	Pines, C. C.—
Cooperation Between Physician and Pharmacist 48	A Chemical Garden 665
History and Romance of Bread 431	Copper, Man's First Useful Metal 613
History of Quinine 24	Roberts, J. G.—
Illustrated Apothecaries' Calendar—1932—Book Review 230	Report of Committee on Drug Market
Kingzett's Chemical Encyclope- dia-Book Review 646	The Volatility of Tincture of Iodine 635
Structure and Composition of Foods—Book Review 229	Rosenberger, J. Mervin-
The Joy of Ignorance—Book Review	Report of Committee on Drug Market
Lord, R. A.—	Rosengarten, George-
Synopses of Information on Glycerin and Acetic Acid 482	Photons and Electrons 464
	Rosin, Joseph—
Matt, Morris C.— Intestinal Implantation of the Bacillus Acidophilus Through	Chemistry of Opium Alkaloids Small—Book Review 806
the Feeding of Buttermilk	Seltzer, Leonard A
Containing Acidophilus 296	Pharmacy Medical Problem 44
Morrison, Robert W.—	Slothower, George A
Retention of Alkaloids by Oak	Report of Committee on Drug
Sawdust, U. S. P 590	Market 664

#### PAGE PAGE Sturmer, J. W .-Silicon, The Element of a Thou-Modern Arsenic Hazard ..... 758 sand Uses ..... 107 Taylor, J. N .-Wood, H. C., Jr .-Synopses of Information on Applied Pharmacology-Book Glycerin and Acetic Acid ... 482 Review ..... 426 True, Rodney H .-Ergot and Ergotism-Book Re-Introduction of Lobelia Syphiview ...... 162 litica Into Medicine ...... 279 General Therapeutics-Fantus -Book Review ..... 806 Viehoever, Arno-Handbuch der Chemotherapie-Handbook of Pharmacognosy Book Review ...... 696 —Book Review . . . . . . 749 Pharmacognosy-Tschirch-Properties and Uses of Drugs-Book Review ...... 808 Book Review ..... 426

GE

07

# SUBJECTS

PAGE	PAGE
Acetone, Faught Test 802	Apothecary, A Literary Study 83
Acid Acetic From Cellulose 575	Arecolin, Tænicide 170
Acid Acetic in Commerce 482	Arsenic, Modern Hazard 758
Acid Hydriodic, Stability of 640	Artists' Materials, Permanence of 392
Acidophilus Study 296	Asbestos 122
Acid Reaction—Editorial 647	Bacteria, Photomicrography of 714
Aqua Philadelphica 508	Beeswax, Solubility of 19
Acriflavine 707	Beetles, Japanese, Sprays 575
Acriflavine and Tannin for Burns 578	Bentonite 120
Adsorption 332	Beverages, Cereal, Caffeine in 537
Advertising, Control of Pharma-	Bibliography on Chemistry 228
ceutic 423	Bismuth Carbonate, Glycerite 738
Addiction Treatment73, 289	Blood, Human, Identification of 720
Agate 112	Boners—Editorial 420
Alcohol From Petroleum 223	Book Reviewing—Editorial 600
Alkaloid Precipitants 244	Book Reviews 161, 229, 426, 644,
Alkaloids, Retention by Oak Dust 590	696, 745, 806
Ammonia Liniment 740	Boyle, Robert, Sceptical Chymist 776
Amulets, The Doctrine of 655	Bread Chemistry 442
Anæsthetic, New, Divinyl Oxide 74	Bread, History and Romance of 431
Anæsthetic for Oysters 798	Bread Standards 456
Anti-Freeze Refractometry 734	Brisbane, William, Life of 423
Antiseptic Phenol Ointment, Value	Buttermilks 556
of 640	Caffeine in Cereal Beverages 537
Antiseptics, Eye, Comparison of 75	Calamine Liniment 741

D

D

D

D

E

E

F

I

### PAGE PAGE Calculi and Vitamins ..... 800 Co-Fe-Cu Fluids, Twenty Years of ..... 272 Calendar, Apothecaries'-1932-Color Choice, Psychology ..... 156 Book Review ...... 230 Color Measurement ..... 272 Cancer, Spleen Hormone in ..... 157 Cancer Treatment ..... 75 Colloids ..... 319 Cancer Test ..... 347 Commencement-Editorial ..... 234 Casein ..... 558 Control of Insects ..... 688 Cat Tail in Medicine ...... 664 Cook, E. Fullerton-Portrait ..... 54 Certified Milk ...... 217 Remington Honor Medalist, Chemical Garden ..... 665 1931 ..... Chemical Nomenclature ...... 337 Copper, Man's First Useful Metal 613 Chemistry Bibliography ...... 228 Correspondence ......70-71 Chemistry, Clinical, Quantitative Cost of Medical Care ..... 293 Methods, Vol. II-Book Review ..... 745 Creosote and Creosote Fractions, Toxicity of ...... 638 Chemistry, Its Next Service to Medicine ...... 15 Crime Detection Course Criticized Chemotherapie Handbuch-Ger--Editorial ..... 648 man-Book Review ...... 696 Crop Damage by Insects ...... 669 Chick Heart Method of Digitalis Cyanide Antidote ..... 755 Assay ..... 310 Druggist and First Aid ...... 70 Chlorination Germ, Is It Fatal?.. 651 Cinchona, Misspelled by Linnaeus 694 Druggist, The Small Town ..... 355 Cinchophen Toxicity ..... 800 Drug Market Committee Report, P. P. A. ..... 656 Coblentz, Dr. Virgil-Obituary .. 421 Drugs, Bad, and the Law-Edi-Codex, British, Proposed New torial ..... 705 Formulæ ..... 737 Coerulignol ..... 639 Drugs, Hospital, Selection of ... 708

PAGE	PAGE
Drugs, Properties and Uses of, "Rusby, Bliss and Ballard"— Book Review	Garden, Chemical
Digitalis, Colorimetric Assay of 344  Divinyl Oxide	Glycerin in Commerce
753, 756.  Educational Heritage—Founders' Day Address	Book Review
Ergot and Ergotism—Book Review         Review         162           Ergotoxine and Ergotamine         285           Eserine Eye Drops         739	Hospital Drugs, Selection of 708  Hydriodic Acid, Stability of 640  Ice Cream, Manufactured 721
Ethylene Glycol—Bibliography 736  Ethylene Glycol, Refractometric  Measurement	Ignorance, Joy of, "Harding"—           Book Review
Eye Antiseptics, Comparison of 75  Faught Test for Acetone 802  First Aid and Druggist 70  Foods, Structure and Composition of, "Winton"—Book Review 229  Franklin and Priestley 594	Insect Friends and Foes 667 Insecticides, Pyrethrum 793 Insulin, Composition of 156 Insulin Crystal Pattern 800 Iodine Compounds and Sleep 733
394	Touris Compounds and Dicep /33

Am. J

Oxy

Pair

Par

Par

Pas

Pel

Per

Pet

Ph

Ph

Ph

P

P

P

F

PAGE	PAGE
Iodine, Dental Therapy 227	Medicine, Triumphs of 362
Iodine, Tincture of, Volatility of 635	Mercurochrome as a General An-
Ionone and Vitamin A 286	tiseptic 579
Isotopes 637	Merodicein 291
Johnson, Joseph, Life of 750	Methylene Blue, Cyanide Anti- dote 755
Lead Arsenate 758	Mica 123
Lead Poisoning and X-rays 287	
Leeuwenhoek, Antonj Van—1632 165	Milk, Cow and Human         176           Milks, Fermented         557
Lime and Phosphorus Medication 575	Milk Ordinances 197
Liniment, Ammonia 740	**
Liniment, Calamine 741	Milk Products and Milk Preparations 540
Lining, John—Life Sketch 221	Milk Sanitation 194
Linseed Oil, Detection of Adulter-	
ants 282	Minehart, Dr. John R.—Obituary 420
Lobelia Syphilitica, Introduction	Morphine, The First—Editorial 581
Into Medicine 279	Narcotine and Vitamin C 290
Magnesium Oxide, Light and	Neutrons and Isotopes 637
Heavy 22	News Items and Personal Notes
Mandragora 79	78, 159, 226, 351, 641, 695, 804
Medical Care, Cost of 293	Oakdust, Retention of Alkaloids 590
Medical Center, Philadelphia First 487	Obesity Cures, Dangers of 223
Medical and Pharmaceutical	Obituaries420, 421, 713
Notes156, 223, 285, 344, 575,	Oil of Quince Seed 335
637, 799.	Oil, Linseed, Detection of Adulter-
Medicine, Chemistry's Service to 15	ants 282
Medicine and Pharmacy 44	Oils, Fixed, Constants of 284
Medicine, Progress in, 1931 1	Opium Addiction Remedy 73
Medicine, State Control—Edito-	Opium Alkaloids, Chemistry of—

GE

52

9

PAGE	PAGE
Oxygen, Discovery of 594	Pharmacy Through the Ages, History of "French"—Book
Paints and Pigments, Permanence of 394	Review 746
Parathyroid in Cancer 75	Phenol Ointment, Antiseptic Value of
Paregoric Assay 639	Philadelphia College of Phar-
Pasteurization of Milk 204	macy and Science-Founders'
Pelletierin Compared With Are-	Day 226
colin 170	Philadelphia College of Pharmacy
Pepsin and Rennin 637	and Science—110th Com- mencement
Petroleum, New Source of Alco-	Philadelphia First Medical Cen-
Pharmacist and Physician 48	ter 487
Pharmacists, Liability for Drug	Philadelphia Institute for Med- ical Research 231
Quality 577	Phosphorus and Lime Medication 575
Pharmacognosy—"Tschirch"—  Book Review	Photo Electric Cell 477
Pharmacognosy—"Tschirch"—	Photo Electricity 474
Book Review 808	Photomicrography of Bacteria 714
Pharmacology Applied—"Clark"	Photons and Electrons 464
—Book Review 426	Pellitorine 76
Pharmacology of Common Drugs, "Lilly"—Book Review 644	Poisoning, The Fine Art of—
Pharmacy and Medicine 44	Editorial 503
Pharmacy as a Health Agency 150	Pollen, Ragweed Survey 642 Prescription, Price of—Editorial 702
Pharmacy, First American Board	
of 752	Priestley and Franklin 594
Pharmacy, Graduates, Too Many?	Pumice 122
-Editorial 756	Pyrethrum, Bibliography 798
Pharmacy. The Cap and Gown in 168	Pyrethrum, Chemistry of 345

### PAGE PAGE Spleen Hormone and Cancer .... 157 Pyrethrum, Insecticides ..... 793 Strychnine Poisoning, Treatment Quinine ..... ...... 357 Ragweed Pollen Survey ...... 642 Sugar, New Products From .... 349 Rau, Eugene A., Obituary ..... 713 Talcum ..... 119 Remington Honor Medal to Dr. Tannin and Acriflavine for Burns 578 Eberle ...... 695 Thallium Poisoning ..... 348 Remington Medal Award, 1931 .. 54 Television ..... 478 Remington Medalists, List of ... 695 The Good Old Depression-Edi-Rennin and Pepsin ..... 637 torial ..... 588 Research, 1931 ..... Therapeutics, General, Fantus-Rhodanate Sodium ..... 73 Book Review ..... 806 Rotenone ..... 347 Thumb Nail Sketches, Rubber, Synthetic ..... 224 221, 423, 750, 752 Scientific and Technical Abstracts 73 Tobacco, Denicotinized With Silica Gel ..... 287 Sell Pharmacy—Editorial ..... 649 Tolu Solution ..... 743 Shakespeare's "Caitiff Wretch".. 83 Tripoli ..... 111 Shoemaker, Glycerin Manufacture 490 Triumphs of Medicine ...... 362 Show Globe, Origin of ..... 704 Ultra Violet Ray and Plant Cal-Silica Gel ..... 132 cium ...... 157 Silicon, Element of a Thousand Vitamin A Assay Work, Pitfalls 608 Uses ..... 107 Vitamin A and Ionone ........ 286 Silimanite ..... 121 Vitamin C and Narcotine ..... 290 Silver Filter for Water ...... 288 Vitamin D, Artificial ..... 73 Solution of Quinine and Strychnine ..... 742 Vitamins in Bread ...... 459 Solution of Tolu ..... 743 Vitamins and Calculi ..... 800 Spilanthol ..... 77 Vitamins in Milk ...... 182

rm.

GE

PAGE	PAGE
Vitamins, Recent Research on 417	Wellcome, Sir Henry S., A Trib- ute—Editorial 506
Vleminckx' Solution 741	•
Water, Philadelphia 508	"When Found Make a Note of"— Editorial 587
Wax, Bees, Solubility of 19	X-rays and Lead Poisoning 287
Wellcome, Henry S., Knighted 67	Xylenol 639